Index to Volume 74, 1990

Abbott, A.: Bioadhesives: potential for exploitation, 131

Aerodynamics of turbomachinery, the: J.D. Denton, 443

Agrobacterium in plant disease, biological disease control and plant genetic engineering: B.G. Clare, 1

Alkaloids, sugar-shaped: L.E. Fellows and R.J. Nash, 245

and R.J. Nasn, 245
Archaeology: potassium–argon dating in:
I. McDougall, 15

Atmospheric chemistry: R.P. Wayne, 379

Austin, C.A. and Fisher, L.M.: DNA topoisomerases: enzymes that change the shape of DNA, 147

Bacterial microfibres: the morphogenesis of complex multicellular bacterial forms: N.H. Mendelson, 425

Bacterial surface, genetic mechanisms for modulating virulence determinents on: J. R. Saunders, 279

Berezin, A.A.: Isotopic diversity as a mind-matter dimension, 495

Bioadhesives: potential for exploitation: Abbott, A., 131

Biology, structuralism in: B.C. Goodwin, 227 Biotransformations aid organic chemists:

D.W. Ribbons, 205
Clare, B.G.: Agrobacterium in plant

disease, biological disease control and plant genetic engineering, 1

Coelacanth fish: progress and prospects, the: P.L. Forey, 53 Combustion chemistry, free radicals in:

R.W. Walker, 163

Denton, J.D.: The aerodynamics of

turbomachinery, 443

Devenish, R.W., Goodhew, P.J., Heaton, B.T., Jacobs, C. and Mulley, S.: Electron microscopy of transition metal carbonyl clusters, 513

DNA topoisomerases: enzymes that change the shape of DNA: C.A. Austin and L.M. Fisher, 147

Dunlap: R.A.: Periodicity and aperiodicity in mathematics and crystallography, 311

Easterling, K. and Niska, J.: The microstructure and properties of high T_c superconducting oxides, 69

Electron microscopy of transition metal carbonyl clusters: R.W. Devenish, P.J. Goodhew, B.T. Heaton, C. Jacobs and S. Mulley, 513 Esquivel, D.M.S. see Lins de Barros, H.G.P.,

Explosives that are safe for use in flammable atmospheres, a scientific paradox: M. Kennedy and I.D. Kerr, 411

Farina, M. see Lins de Barros, H.G.P., Fellows, L.E. and Nash, R.J.: Sugarshaped alkaloids, 245

Fernández, M.L.: Demixing in polymer blends, 257

Fisher, L.M. see Austin, C.A., Forey, P.L.: The coelacanth fish: progress and prospects, 53

Francis, M.J.: Peptide vaccine for viral diseases, 115

Free radicals in combustion chemistry: R.W. Walker, 163

Genetic mechanisms for modulating virulence determinents on the bacterial surface: J.R. Saunders, 279

Goodhew, P.J. see Devenish, R.W., Goodwin, B.C.: Structuralism in biology,

Green, M.J.B. see Leader-Williams, N. Harrison, J. see Leader-Williams, N. Heaton, B.T. see Devenish, R.W., High T_c superconducting oxides, the microstructure and properties of: K.

Easterling and J. Niska, 69 Isotopic diversity as a mind-matter dimension: A.A. Berezin, 495

Jacobs, C. see Devenish, R.W., Jones, C.A. and Soward, A.M.

Magnetohydrodynamic dynamo action, 529

Kennedy, M. and Kerr, I.D. A scientific paradox–explosives that are safe for use in flammable atmospheres, 411 Kerr, I.D. see Kennedy, M..

Leader-Williams, N., Harrison, J. and Green, M.J.B. Designing protected areas to conserve natural resources, 189

Lins de Barros, H.G.P., Esquivel, D.M.S. and Farina, M.: Magnetotaxis, 347

Liss, P.S. see Newton, P.P.

Low-dimensional semiconductors, quantum confinement, hot electrons and hot phonons in: B.K. Ridley, 465

Magnetohydrodynamic dynamo action: C.A. Jones and A.M. Soward, 529

Magnetotaxis: H.G.P. Lins de Barros, D.M.S. Esquivel and M. Farina, 347 Mathematics and crystallography, periodicity and aperiodicity in: R.A. Dunlap, 311

McDougall, I.: Potassium-argon dating in archaeology, 15

Mendelson, N.H.: Bacterial microfibres: the morphogenesis of complex multicellular bacterial forms, 425

Nash, R.J. see Fellows, L.E. Nervous system, how does it produce behaviour? A case study in neurobiology: A. Roberts, 31

Newton, P.P. and Liss, P.S.: Particles in the oceans (and other natural waters), 91

Niska, J. see Easterling, K.

Non-classical optical phenomena: D.F. Walls, 291

Optical phenomena, non-classical: D.F. Walls, 291

Particles in the oceans (and other natural waters): P.P. Newton and P.S. Liss, 91 Peptide vaccines for viral diseases: M.J.

Francis, 115 Periodicity and aperiodicity in

Periodicity and aperiodicity in mathematics and crystallography: R.A. Dunlap, 311

Polymer blends, demixing in: M.L. Fernández, 257

Potassium–argon dating in archaeology: I. McDougall, 15

Protected areas, the designing of to conserve natural resources: N. Leader-Williams, J. Harrison and M.J.B. Green, 189 Quantum confinement, hot electrons and hot phonons in low-dimensional semiconductors: B.K. Ridley, 465

Ribbons, D.W.: Biotransformations aid organic chemists, 205

Ridley, B.K.: Quantum confinement, hot electrons and hot phonons in lowdimensional semiconductors, 465

Riley, N.: Unsteady viscous flows, 361 Roberts, A.: How does a nervous system produce behaviour? A case study in neurobiology, 31

Saunders, J.R., Genetic mechanisms for modulating virulence determinents on the bacterial surfaces, 279

Soward, A.M. see Jones, C.A., Structuralism in biology: B.C. Goodwin,

Sugar-shaped alkaloids: L.E. Fellows and R.J. Nash, 245

R.J. Nash, 245
Transition metal carbonyl clusters, electron microscopy of: R.W. Devenish, P.J. Goodhew, B.T. Heaton, C. Jacobs and S. Mulley, 513

Turbomachinery, the aerodynamics of: J.D. Denton, 443

Unsteady viscous flows: N. Riley, 361 Viscous flows, unsteady: N. Riley, 361

Walker, R.W., Free radicals in combustion chemistry, 163

Walls, D.F.: Non-classical optical phenomena, 291

Wayne, R.P.: Atmospheric chemistry, 379

